

Ganesan Vadamalai

List of Publications by Year in descending order

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papers

934
citations

471509

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42
docs citations

42
times ranked

881
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of neural networks in plant disease detection using hyperspectral data. <i>Information Processing in Agriculture</i> , 2018, 5, 354-371.	4.1	228
2	â€˜Candidatus <i>Phytoplasma malaysianum</i> â€™™, a novel taxon associated with virescence and phyllody of Madagascar periwinkle (<i>Catharanthus roseus</i>). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 540-548.	1.7	80
3	Transcriptomics-based analysis using RNA-Seq of the coconut (<i>Cocos nucifera</i>) leaf in response to yellow decline phytoplasma infection. <i>Molecular Genetics and Genomics</i> , 2015, 290, 1899-1910.	2.1	67
4	Phytoplasmas associated with disease of coconut in Malaysia: phylogenetic groups and host plant species. <i>Plant Pathology</i> , 2009, 58, 1152-1160.	2.4	53
5	â€˜Candidatus <i>Phytoplasma wodyetiae</i> â€™™, a new taxon associated with yellow decline disease of foxtail palm (<i>Wodyetia bifurcata</i>) in Malaysia. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 3765-3772.	1.7	42
6	Effect of bioformulations on the biocontrol efficacy, microbial viability and storage stability of a consortium of biocontrol agents against <i>Fusarium</i> wilt of banana. <i>Journal of Applied Microbiology</i> , 2019, 127, 544-555.	3.1	40
7	Isolation, identification and characterization of endophytic bacteria antagonistic to <i>Phytophthora palmivora</i> causing black pod of cocoa in Malaysia. <i>European Journal of Plant Pathology</i> , 2019, 155, 1077-1091.	1.7	38
8	Variants of Coconut cadang-cadang viroid isolated from an African oil palm (<i>Elaeis guineensis</i> Jacq.) in Malaysia. <i>Archives of Virology</i> , 2006, 151, 1447-1456.	2.1	34
9	Molecular Characterization of a <i>Phytoplasma</i> Associated with Coconut Yellow Decline (CYD) in Malaysia. <i>American Journal of Applied Sciences</i> , 2009, 6, 1331-1340.	0.2	30
10	Detection of <i>Coconut cadang-cadang viroid</i> sequences in oil and coconut palm by ribonuclease protection assay. <i>Annals of Applied Biology</i> , 2009, 154, 117-125.	2.5	28
11	Estimating chlorophyll content at leaf scale in viroid-inoculated oil palm seedlings (<i>Elaeis</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj Sensing, 2019, 40, 7647-7662.	2.9	26
12	Characterization of Coconut cadang-cadang viroid variants from oil palm affected by orange spotting disease in Malaysia. <i>Archives of Virology</i> , 2013, 158, 1407-1410.	2.1	24
13	Detection of Coconut cadang-cadang viroid (CCCVd) in oil palm by reverse transcription loop-mediated isothermal amplification (RT-LAMP). <i>Journal of Virological Methods</i> , 2014, 202, 19-23.	2.1	24
14	Diagnostic techniques for detection of phytoplasma diseases: past and present. <i>Journal of Plant Diseases and Protection</i> , 2013, 120, 16-25.	2.9	23
15	Morphological and molecular characterization of <i>Fusarium</i> spp. associated with yellowing disease of black pepper (<i>Piper nigrum</i> L.) in Malaysia. <i>Journal of General Plant Pathology</i> , 2012, 78, 160-169.	1.0	19
16	A Consortium of <i>Pseudomonas aeruginosa</i> and <i>Trichoderma harzianum</i> for Improving Growth and Induced Biochemical Changes in <i>Fusarium</i> Wilt Infected Bananas. <i>Tropical Life Sciences Research</i> , 2021, 32, 23-45.	0.9	19
17	Plant tonic, a plant-derived bioactive natural product, exhibits antifungal activity against rice blast disease. <i>Industrial Crops and Products</i> , 2018, 112, 105-112.	5.2	17
18	Expression Patterns of Genes Involved in the Defense and Stress Response of <i>Spiroplasma citri</i> Infected Madagascar Periwinkle <i>Catharanthus roseus</i> . <i>International Journal of Molecular Sciences</i> , 2012, 13, 2301-2313.	4.1	13

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19	Precision Agriculture Technologies for Management of Plant Diseases. Sustainability in Plant and Crop Protection, 2020, , 259-278.	0.4	12
20	Characterization of <i>Pectobacterium carotovorum</i> subsp. <i>carotovorum</i> as a new disease on Lettuce in Malaysia. Australasian Plant Disease Notes, 2013, 8, 105-107.	0.7	11
21	Selection of a Spectral Index for Detection of Orange Spotting Disease in Oil Palm (<i>Elaeis guineensis</i>) Tj ETQq1 1 0.784314 rgBT /Ove 2019, 47, 639-646.	2.4	11
22	Detection and Identification of Aster Yellows Phytoplasma Associated with Lipstick Yellow Frond Disease in Malaysia. Journal of Phytopathology, 2014, 162, 264-268.	1.0	9
23	First Report of Phytoplasma (16Srl) Associated with Yellow Decline Disease of Royal Palms [<i>Roystonea regia</i> (Kunth) O. F. Cook] in Malaysia. Journal of Phytopathology, 2015, 163, 133-137.	1.0	9
24	Phylogenetic Analysis and Genetic Diversity of <i>Colletotrichum falcatum</i> Isolates Causing Sugarcane Red Rot Disease in Bangladesh. Biology, 2021, 10, 862.	2.8	9
25	Spatial Variability of Orange Spotting Disease in Oil Palm. Journal of Biological Sciences, 2012, 12, 232-238.	0.3	8
26	Molecular and biological characterization of citrus bent leaf viroid from Malaysia. Molecular Biology Reports, 2022, 49, 1581-1586.	2.3	8
27	Characterisation of <i>Magnaporthe oryzae</i> isolates from rice in peninsular Malaysia.. Czech Journal of Genetics and Plant Breeding, 2016, 52, 145-156.	0.8	7
28	Enhanced polyethylene glycol (PEG)-mediated protoplast transformation system for the phytopathogenic fungus, <i>Ganoderma boninense</i> . Folia Microbiologica, 2021, 66, 677-688.	2.3	7
29	Genetic diversity of <i>Pantoea stewartii</i> subspecies <i>stewartii</i> causing jackfruit-bronzing disease in Malaysia. PLoS ONE, 2020, 15, e0234350.	2.5	6
30	Phylogenetic Analysis of <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> Associated with Fusarium Wilt of Bananas from Peninsular Malaysia. Sains Malaysiana, 2019, 48, 1593-1600.	0.5	6
31	Current Classification and Diversity of <i>Fusarium</i> Species Complex, the Causal Pathogen of Fusarium Wilt Disease of Banana in Malaysia. Agronomy, 2021, 11, 1955.	3.0	5
32	Optimization of total nucleic acid extraction method for detecting Coconut cadang-cadang viroid variants in oil palm. Australasian Plant Pathology, 2017, 46, 235-237.	1.0	4
33	Gel Electrophoresis. , 2017, , 357-367.		4
34	Economic Significance of Palm Tree Viroids. , 2017, , 39-49.		3
35	RESEARCH PROGRESS, CHALLENGES, FUTURE PERSPECTIVES ON THE MANAGEMENT OF FUSARIUM WILT OF BANANA IN MALAYSIA: A REVIEW. Malaysian Journal of Science, 2019, 38, 47-66.	0.3	3
36	The future is now: revolution of RNA-mediated gene silencing in plant protection against insect pests and diseases. Plant Biotechnology Reports, 2020, 14, 643-662.	1.5	2

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37	Coconut Cadang-Cadang Viroid and Coconut Tinangaja Viroid. , 2017, , 263-273.		1
38	Development of detached root and leaf assays to evaluate the antagonistic properties of biocontrol agents against Fusarium wilt of banana. Archives of Phytopathology and Plant Protection, 2020, 53, 479-494.	1.3	1
39	Molecular characterization of Fusarium oxysporum f. sp. cubense Tropical Race 4 (Foc-TR4) isolates from Malaysian banana using secreted in Xylem (SIX) effector genes. Archives of Phytopathology and Plant Protection, 2020, 53, 524-539.	1.3	1
40	Draft Genome Sequence of Bacillus tropicus Strain UPM-CREST01, Isolated from the Bulk Paddy Soil at Kampung Gajah, Perak. Microbiology Resource Announcements, 2022, , e0115621.	0.6	1